

Appl. No. 10/645,227  
Paper dated September 13, 2005  
Reply to Office Action dated May 31, 2005

### REMARKS

Reconsideration of the above-identified application in view of the foregoing amendments and following remarks is respectfully requested.

By this paper, new claims 8-16 are submitted. Claims 8, 12 and 16 recite, *inter alia*, “the predetermined ratio is 1 or less.” Support for these claims is found throughout the application, including for example at page 20, lines 6-11. Claims 9 and 13 recite, *inter alia*, the control step or control means “refers to the estimated speed as 0 until the carrier moves by a predetermined amount after start of operation.” Support for these claims is found throughout the application, including for example originally filed claim 3. Claims 10 and 14 recite, *inter alia*, the independent value “can be selected for each ideal speed as the predetermined ratio used for calculation by said speed estimation means” Support for these claims is found throughout the application, including for example originally filed claim 4. Claims 11 and 15 recite, *inter alia*, “the predetermined ratio used for calculation by said speed estimation means is set to a value which makes a difference between the estimated speed or the carrier speed information and the ideal speed fall within a predetermined range.” Support for these claims is found throughout the application, including for example originally filed claim 5.

No new matter will be added to this application by entry of these claims.

Moreover, since these claims are dependent claims, they are earnestly asserted to be in condition for allowance for at least the reasons set forth in Applicant’s August 29 Amendment.

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**CONCLUSION**

Applicant respectfully asserts that claims 1, and 3-16 are allowable, and that this application is otherwise in condition for allowance. An early and favorable examination on the merits is requested. In the event that a telephone conference would facilitate the examination of this application in any way, the Examiner is invited to contact the undersigned at the number provided.

THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL FEES WHICH MAY BE REQUIRED FOR THE TIMELY CONSIDERATION OF THIS AMENDMENT UNDER 37 C.F.R. §§ 1.16 AND 1.17, OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT NO. 13-4500, ORDER NO. 1232-5117.

Respectfully submitted,  
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